

**AMENDMENTS TO THE SPECIFICATION:**

Please replace paragraph [0056] with the following amended paragraph:

[0056] The functions that are realized in a computer by the motion compensation prediction module 52, subtraction module 54, conversion module 56, quantizing module 58, encoding module 60, inverse quantizing module 62, inverse conversion module 64, addition module 66, MVD memory module 68, prediction reference region production sub-module 70, first FP production sub-module 72, second FP production sub-module 74, motion vector generation sub-module 76, reference region selection sub-module 78, predicted image production sub-module 80, prediction error decision module 82, 1/2 pixel interpolation region production sub-module 84 and 1/4 pixel interpolation region production sub-module 86 are respectively the same as the motion compensation prediction unit 2, subtraction unit 6, conversion unit 8, quantizing unit 10, encoding unit 12, inverse quantizing unit 14, inverse conversion unit 16, addition unit 18, MVD storage unit 20, prediction reference region production unit 24, first FP production unit 26, second FP production unit 28, motion vector generation unit 34, reference region selector 36, predicted image production unit 38, prediction error decision unit 40, 1/2 pixel interpolation region production unit 42 and 1/4 pixel interpolation region production unit 44. The video encoding program 50 is provided, for example, by recording media such as CD-ROM, DVD, ROM, [[etc.,]] or by semiconductor memories. The video encoding program 50 may be a program provided as computer data signals over a carrier wave through a network.

Please replace paragraph [0119] with the following amended paragraph:

[0119] The functions that are realized in a computer by the decoding module 262, inverse quantizing module 264, inverse conversion module 266, MVD storage module 268, motion compensation prediction module 270, addition module 272, prediction reference region production sub-module 274, first FP production sub-module 276, second FP production sub-module 278, reference region selection sub-module 280, predicted image production module 282, 1/2 pixel interpolation region production sub-module 284 and 1/4 pixel interpolation region production sub-module 286 are respectively the same as the decoding unit 222, inverse quantizing unit 224, inverse conversion unit 226, MVD storage unit 228, motion compensation prediction unit 230, addition unit 234, prediction reference region production unit 236, first FP production unit 238, second FP production unit 240, reference region selector 246, predicted

image production unit 248, 1/2 pixel interpolation region production unit 250 and 1/4 pixel interpolation region production unit 252. The video decoding program comprises 260 is provided, for example, by recording media such as CD-ROM, DVD, ROM, etc., or by semiconductor memories. The video decoding program comprises 260 may be a program provided as computer data signals over a carrier wave through a network.

Please replace paragraph [0145] with the following amended paragraph:

[0145] The functions that are realized in a computer by the decoding module 392, inverse quantizing module 394, inverse conversion module 396, motion compensation prediction module 398, addition module 400, prediction reference region production sub-module 402, adaptive production sub-module 404, predicted image production sub-module 406, 1/2 pixel interpolation region production sub-module 408 and 1/4 pixel interpolation region production sub-module 410 are respectively the same as the decoding unit 352, inverse quantizing unit 354, inverse conversion unit 356, motion compensation prediction unit 358, addition unit 362, prediction reference region production unit 370, adaptive FP production unit 372, predicted image production unit 376, 1/2 pixel interpolation region production unit 380 and 1/4 pixel interpolation region production unit 382. The video decoding program 390 is provided, for example, by recording media such as CD-ROM, DVD, ROM, [[etc.,]] or by semiconductor memories. The video decoding program 390 may be a program provided as computer data signals over a carrier wave through a network.